

# Converting Colors

YUV(134.4560, 42.6662,  
82.0381)

Have a look what the booklet for  
YUV(134.4560, 42.6662, 82.0381)  
contains.

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# Color

**YUV(134.4560, 42.6662,  
82.0381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E446DD
RGB	228, 70, 221
RGB Percent	89%, 27%, 87%
CMY	0.1059, 0.7255, 0.1333
CMYK	0.00, 0.69, 0.03, 0.11
HSL	303°, 75%, 58%
HSV	303°, 69%, 89%
XYZ	47.2362, 26.0948, 70.9538
YIQ	134.4560, 45.6970, 80.4570

# Conversions

## Conversions Part 2

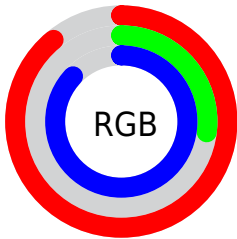
Format	Color
R <sub>YB</sub>	228, 70, 221
Decimal	14960349
CIE Lab	58.13, 76.54, -45.59
CIE LCh	58, 89.086, 329.220
Yxy	26.0948, 0.3274, 0.1809
Android (android.graphics.Color)	4293150429 (0xFFE446DD)
YUV	134.4560, 42.6662, 82.0381
Hunter-Lab	51.0830, 75.6627, -46.5951

# Details

The YUV color **134.4560, 42.6662, 82.0381** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **163.5440, -42.6662, -82.0381**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2120, 35.8845, 63.8351**, and **69.3410, 47.1599, 87.4009** is the 20% darker color. If you saturate the color by 10%, you get **120.8410, 48.8854, 93.9784**, and if you desaturate by 10%, it is **148.0710, 36.4470, 70.0977**.

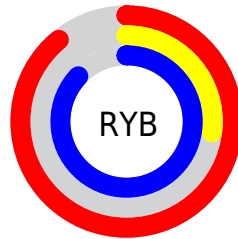
# Distribution



Red (89%)

Green (27%)

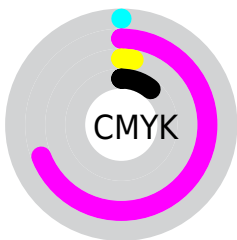
Blue (87%)



Red (89%)

Yellow (27%)

Blue (87%)

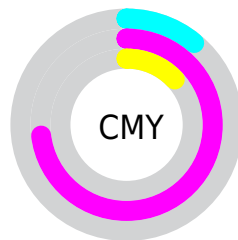


Cyan (0%)

Magenta (69%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.4560, 42.6662, 82.0381 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 134.4560, 42.6662, 82.0381 by changing the saturation by 10% instead.



134.4560, 42.6662,  
82.0381

134.4560, 42.6662,  
82.0381

255.0000, 0.0000,  
0.0000

99.9880, 45.8549,  
85.9565

182.2120, 35.8845,  
63.8351

69.3410, 47.1599,  
87.4009

199.2350, 27.4921,  
48.9059

57.5920, 39.6411,  
72.2718

216.8450, 18.8104,  
33.4619

45.9570, 32.5592,  
57.0427

233.8680, 10.4181,  
18.5328

34.7350, 25.7666,  
42.3284

252.0650, 1.4470,  
2.5740

24.2250, 19.1161,  
28.7437

12.3340, 13.6393,

11.9851

■ 2.5250, 7.1362,  
-2.2144

■ 0.0000, 0.0000,  
0.0000

■ 134.4560, 42.6662,  
82.0381

■ 134.4560, 42.6662,  
82.0381

■ 120.8410, 48.8854,  
93.9784

■ 148.0710, 36.4470,  
70.0977

■ 107.2260, 55.1046,  
105.9188

■ 161.6860, 30.2278,  
58.1574

■ 94.1980, 61.0344,  
117.3444

■ 174.7140, 24.2980,  
46.7318

■ 93.0240, 61.6132,  
118.3740

■ 188.3290, 18.0788,  
34.7915

201.9440, 11.8596,  
22.8511

215.5590, 5.6404,  
10.9108

229.1740, -0.5788,  
-1.0296

242.2020, -6.5086,  
-12.4552

244.0770, -6.9400,  
-14.0995

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



135.3900, 58.9677, -13.4970



134.4560, 42.6662, 82.0381



92.7750, 25.7469, 142.2713

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



134.4560, 42.6662, 82.0381



130.9610, -64.5638, 35.1142



125.3600, 43.6995, -109.9407

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



134.4560, 42.6662, 82.0381



163.5440, -42.6662, -82.0381

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.3540, 9.1925, -102.0425



134.4560, 42.6662, 82.0381



119.9660, -59.1432, -23.6492

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



134.4560, 42.6662, 82.0381



128.6440, -63.4215, 88.8892



103.8430, -26.0516, -91.0703



127.0990, 63.0552, -111.4658



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



134.4560, 42.6662, 82.0381



102.2230, -4.0539, 133.9854



103.8430, -26.0516, -91.0703



123.0970, 32.4902, -107.9561

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



134.4560, 42.6662, 82.0381



223.0740, 14.7535, 27.9991



89.5070, 68.2770, -12.7226



108.9880, 8.3869, 16.6735



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



134.4560, 42.6662, 82.0381



129.5300, 57.4197, 110.0372



125.6780, 9.0327, 89.7364



107.8420, 3.0359, 6.2776



73.0150, 48.3066, 92.9488



20.8350, 13.8853, 26.4547



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



134.4560, 42.6662, 82.0381



129.5300, 57.4197, 110.0372



172.3220, -9.0327, -89.7364



107.8420, 3.0359, 6.2776



73.0150, 48.3066, 92.9488

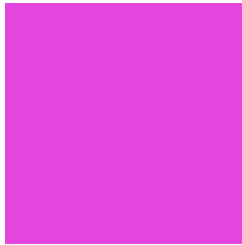


20.8350, 13.8853, 26.4547



# Previews

## White Background



This preview shows how the YUV color 134.4560, 42.6662, 82.0381 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

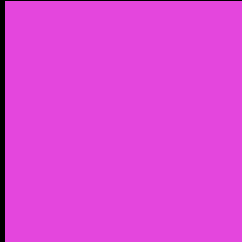
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.4560, 42.6662, 82.0381 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

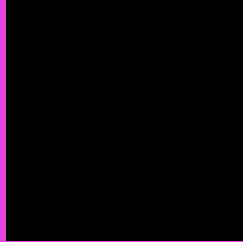
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 134.4560, 42.6662, 82.0381

## Background



This preview shows how black text looks on a background with the YUV color 134.4560, 42.6662, 82.0381.



This preview shows how white text looks on a background with the YUV color 134.4560, 42.6662, 82.0381.

82.0381.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

134.4560, 42.6662, 82.0381

### Protanopia

132.8220, 60.2338, -46.3249

### Deuteranopia

137.8250, 35.5823, -26.1565



## Tritanopia

139.1010, -12.8678, 67.4404

# Trichromacy



## Original Color

134.4560, 42.6662, 82.0381



## Protanomaly

133.5120, 53.9776, 0.4280



## Deuteranomaly

136.7620, 38.0783, 13.3637



## Tritanomaly

137.1120, 7.3398, 72.6928

# Monochromacy



## Original Color

134.4560, 42.6662, 82.0381



## Achromatopsia

134.0000, 0.0000, 0.0000



## Achromatomaly

134.3130, 15.6217, 29.5435

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.4560, 42.6662, 82.0381 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 70, 221)` looks like.

```
.text, #text, p{  
    color:rgb(228, 70, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 70, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 70, 221) }
```

## Border

The CSS property to change the border of an element to YUV 134.4560, 42.6662, 82.0381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 70, 221) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(228, 70, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(228, 70, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 70, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 70, 221);  
box-shadow:4px 4px 4px 4px rgb(228, 70,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 134.4560, 42.6662, 82.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 70, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228, 70,  
221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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